

109-3-2-21/26

Phase-type Automatic Frequency Adjustment in Microwave Oscillators

of the klystron. The system had a pull-in bandwidth of \pm 4 Mc/s and a synchronisation bandwidth of \pm 15-20 Mc/s.

There are 1 figure and 3 Russian, 1 English references.

ASSOCIATION: Gor'kiy Radiophysics Institute
(Gor'kovskiy radiofizicheskiy institut)

SUBMITTED: June 24, 1957

AVAILABLE: Library of Congress

Card 2/2 1. Microwave oscillators 2. Granium diodes 3. Klystrons

SOV/109-3-11-8/13

AUTHORS: Bershteyn, I.L. and Sibiryakov, V.L.

TITLE: On the Problem of Automatic Phase-frequency Trim in
Microwave Oscillators (K voprosu o fazovoy avtopodstroyke
chastoty generatorov santimetrovых voln)(Letter to Editor)

PERIODICAL: Radiotekhnika i Elektronika, 1958, Vol 3, Nr 11,
p 1399 (USSR)

ABSTRACT: In connection with the letter of Professor Standberg
(Ref 1), the authors point out that their misinterpretation
of Standberg's paper (Ref 2) was due to an extremely
short statement of his results.
There are 2 English references.

SUBMITTED: June 30, 1958

Card 1/1

06343
SOV/141-2-1-15/19

AUTHORS: Bershteyn, I.L., Dryagin, Yu.A., Sibiryakov, V.L.
TITLE: Stable-frequency Power Oscillator Provided by a Molecular
Oscillator

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Radiofizika,
1959, Vol 2, Nr 1, pp 130 - 131 (USSR)

ABSTRACT: An ammonia source works at too short a wavelength
($\lambda = 1.25$ cm) and too low a power (10^{-8} to 10^{-10} W)
to be generally useful. The present proposal reduces
the frequency by 8 times and increases the power to some
tens of mW while inheriting a large amount of stability.
The basic principle is the phase-lock loop described in
Refs 1, 2 and 3 (M. Kaplanov, V. Levin and the author).
In the diagram of Figure 1, the klystron to be stabilised,
a K-12 operating at 2983.75 Mc/s, diverts 10 mW into
a germanium diode multiplier and its 8-th harmonic feeds
a balanced mixer whose other input is the 3rd harmonic
of a K-18 klystron working at 7978.33 Mc/s. This latter
frequency is also used as an input to another balanced
mixer connected to the ammonia source. The outputs of
each balanced mixer are intermediate frequency signals

Card 1/2

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NY79A
S/120/62/000/001/026/061
E140/E463

AUTHORS: Zverev, V.A., Mosalov, I.V., Orlov, Ye.F.,
Sibiryakov, V.L.

TITLE: Spectrum analyser for film-recorded processes

PERIODICAL: Pribory i tekhnika eksperimenta, no.1, 1962, 110-117

TEXT: The authors describe a variation of the well-known optical spectrum analyser in which a periodic mask (filter) is passed before a density (or amplitude) variable negative of the process to be analysed. The disadvantages of the existing systems are the large number of filter transparencies required, the long time for a full analysis, lack of precision in the preparation of the filters and the impossibility of obtaining the spectral density at a given frequency. The authors therefore have proposed and realized an improved system using two mutually inclined diffraction gratings (Fig.3). Assuming the gratings to be sinusoidal (in the first approximation), the transmissibilities of the gratings are described by

$$A + B \cos [(2\pi/d)(x \cos \alpha + y \sin \alpha) - \varphi_1] \quad (1)$$

$$A + B \cos [(2\pi/d)(x \cos \alpha - y \sin \alpha) - \varphi_2] \quad (2)$$

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S/120/62/000/001/026/061
E140/E463

Spectrum analyser ...

Since the light passes successively through the two gratings, the light flux at the output of the second grating will be the product of (1) and (2). Now, if we let the gratings vibrate with common amplitude a and frequency Ω in phase opposition, and in the directions α and $-\alpha$, the photoelement current will have a component proportional to the spectral density of the investigated function. As the angle α varies from 0 to 30° all values of spectral density will be obtained with periods between D (the window width, fundamental frequency) up to d (the grating period). The frequency Ω determines the rate at which the results are obtained. The possibility exists of varying α manually, thus permitting interesting frequency components to be found rapidly. The use of narrow band amplifiers tuned to some harmonic of Ω is useful in filtering out closely related components. The maximum intensity is that of the harmonic with index close to $a/d \gg 1$. The output is to a self-balancing potentiometer, with the lateral displacement of the paper controlled by a special follower servomechanism to give a scale proportional to frequency as the angle α is varied. In the

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Spectrum analyser ...

instrument constructed the grating period is $d = 0.2$ mm, the maximum relative angle of rotation is $14^\circ 10'$, the window $D = 100$ mm. The resolution permits harmonics of D up to index 250 to be measured. Some test spectrograms of multi-frequency sinusoidal signals are given. There are 9 figures.

ASSOCIATION: Nauchno-issledovatel'skiy radiofizicheskiy institut pri GGU (Scientific Research Institute of Radiophysics of GGU)

SUBMITTED: March 6, 1961

Card 3/4

SLYCHOV, Fedor Vasil'yevich; SIBIRYAKOV, Vasiliy Nikoleyevich;
SOLOMONIK, Yakov Abramovich; VOROB'YEV, Ivan Yegorovich;
VASIKOV, Ivan Nikitich; TROITSKIY, P.S., nauchn. red.

[Fire extinction equipment] Pocharnaia tekhnika. Moskva,
Stroiizdat, 1965. 286 p. (MIRA 18:2)

SIBIRYAKOV, Yu.

Our answer to Yaroslavl workers. NTO 3 no. 1:40-41 Ja '61.
(MIRA 14:2)

1. Predsedatel' soveta molodykh spetsialistov Pervogo
Gosudarstvennogo podshipnikovogo zavoda.
(Moscow--Bearing industry)

BEREZINA, Ye.Kh.; ZAITSEVA, A.I.; SAKULINSKAYA, M.G.; VISHNEVSKAYA, O.P.;
MEZINA, A.A.; MIKHEYEV, Ya.M.; BELOBORODOV, P.A. Prinimali
uchastiye: BASHKATOVA, Z.V.; OLEYNIKOVA, Ye.I.; SIBIRYAKOVA, A.A.
MIKHAYLOV, A.N., otv.red.; LIVSHITS, B.Kh., red.; VLADIMIROV,
O.G., tekhn.red.

[Agroclimatic manual for Kirov Province] Agroklimaticheskii spra-
vochnik po Kirovskoi oblasti. Leningrad, Gidrometeor.izd-vo, 1960.
190 p.

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gidrometeorologi-
cheskoy sluzhby. Verkhne-Volzhskoye upravleniye.
(Kirov Province--Crops and climate)

SIBIRYAKOV, A. V.

"Periodic Gravitational Effects in high-Precision
Leveling." Thesis for degree on Cand. Technical
Sci. Sub 23 Nov 50, Moscow Inst of Engineers for
the Organization of Land Exploitation.

Summary 71, 4 Sep 52, Dissertations Presented for
Degrees in Science and Engineering in Moscow in
1950. From Vechernaya Moskva. Jan-Dec. 1950

SIBIRYAKOVA, A. P.

3(4)

PHASE I BOOK EXPLOITATION SOV/2842

Mikhnevich, Grigoriy Vasil'yevich, Viktor Pavlovich Ryazanov, and Alexandra
Dmitriyevna Sibiryakova

Geodeziya, ch. 2 (Geodesy, Pt. 2) Moscow, Geodezizdat, 1959. 334 p.
Errata slip inserted. 6,000 copies printed.

Ed. (Title page): A.V. Maslov, Doctor of Technical Sciences, Professor;
Ed. (Inside book): A.I. Vitman; Ed. of Publishing House: A.I. Shurygina;
Tech. Ed.: V.V. Romanova.

PURPOSE: This book is intended for geodesists, land surveyors, and agricultural
engineers.

COVERAGE: This book is the second of two volumes on problems in surveying and
geodesy as related to agriculture. Volume II refers to problems of basic geodetic
control for topographic and land use purposes. The first part of the text covers
the principles of surveying instruments, telescopes, verniers, and other
fundamentals. The body of the text includes complete coverage of the fundamental
principles and field procedures in establishing horizontal and vertical control

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Geodesy, Pt. 2

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of the lower orders. Included in the latter are triangulation, traversing, trigonometric leveling, and differential leveling. The final chapters cover projections for agricultural maps, a short treatise on least square adjustments, computation of coordinates, computation of level lines, and the organization of geodetic work. The author thanks Professor P.M. Orlov and Professor I.V. Zubritskiy. There are 59 references: 58 Soviet and 1 English.

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81. Tieing boundaries to the geodetic control net

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AVAILABLE: Library of Congress

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1-8-60

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30 no.9:2920-2925 S '60. (MIRA 13:9)

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(Pyrazole)

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Pyrasoles. Part 9: New method of synthesizing pyrazolecarboxylic acids. Zhur. ob. khim. 30 no.9:2925-2931 S '60. (MLA 13:9)

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On the structure of the antibiotic heliomycin. Zhur. ob.
khim. 33 no.1:315 '63. (MIRA 16:1)

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(Antibiotics)

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Antibiotics. Part 2: Oxidation products of the antibiotic
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1. Institut po issledovaniyu novykh antibiotikov AMN SSSR.
(MIRA 16:11)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001550420007-7

21.1.1 and 21.1.2.

"Stratigraphy of the Lower Cenozoic deposits of Northern
Kola Peninsula." Sov. Ned. Akad. Nauk, Leningrad State U., Leningrad,
1941. (22. rev. 1944)

SC: See 21.1.2, 21.1.3

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001550420007-7"

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New data on the lower Jurassic stratigraphy of northern Daghestan.
Inform. sbor. VSEGEI no.10:41-51 '59. (MIRAL3:12)
(Daghestan—Geology, Stratigraphic)

SIBIRYAKOVA, Lyudimila Vasil'yevna, KRYMGOL'TS, Ya.G., nauchnyy red.;
DOLMATOV, P.S., vedushchiy red.; GENNAD'YEVA, I.M., tekhn.red.

[Middle Jurassic fauna of mollusks in the Greater Balkhan Range
and its stratigraphic importance] Sredneiurskaya fauna molluskov
Bol'shogo Balkhana i ee stratigraficheskoe znachenie. Leningrad,
Gostoptekhizdat, 1961. 232 p. (Leningrad. Vsesoiuznyi geologicheskii
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(Soviet Far East--Geology, Stratigraphic)

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Fauna from the shale strip of the Kholtinskoye deposit
(Northern Caucasus) and its use for the correlation of some
geological cross sections. Izv.AN SSSR.Ser.geol. 27 no.4:97-
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tut (for Drozgov).

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Causes of successful regeneration in pine and heather forests. Les. khoz. 5 no. 2(41),
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BACHURINA, A.M., tekhn. red.

[Classification of types of forests by plant-indicators; for the
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(dlia evropeiskoi chasti SSSR). Pod red. B.V. Grozdova. Moskva,
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SIBIRYAKOVA, Mariya Dmitriyevna; YURRE, N.A., red.; GOSPODARSKAYA, T.N., red.izd-va; SHIBKOVA, R.Ye., tekhn. red.

[Forest types in the silvicultural regions of the European part of the U.S.S.R. with illustrations of undergrowth flora]
Tipy lesa lesonrastitel'nykh raionov evropeiskoi chasti SSSR s illiustratsiei podlesnoi flory. 2. izd., ispr. i dop. Moskva, Goslesbumizdat, 1962. 207 p.
(MIRA 16:3)
(Forest ecology)

L 02200-67 EAT(m)/ENP(j)/T LIP(c) RM
ACC NRI AP6030449 (A) SOURCE CODE: UR/0193/66/000/008/0019/0020

AUTHOR: Sibiryakova, N. A.; Tereshkina, N. V.

ORG: none

TITLE: Applications of macromolecular polyethylene¹⁵

SOURCE: Byulleten' tekhniko-ekonomicheskoy informatsii, no. 8, 1966, 19-20

TOPIC TAGS: polyethylene, textile industry machinery, extrusion, high molecular polyethylene, picker

ABSTRACT: The Leningrad Scientific Research Institute of Polymers developed a macromolecular polyethylene, with the same linear structure as ordinary low-pressure polyethylene, but with a molecular weight of more than 1,000,000. Due to its good extrusion properties and machinability, polyethylene can be used for manufacturing machine parts by direct extrusion.¹⁵ The use of polyethylene resulted in a considerable saving in the cost of manufacturing textile machine building parts such as pickers. The life of polyethylene pickers was found to be 4-5 times that of leather ones.

SUB CODE: 07, 11, 14, 13/ SUBM DATE: none/

Card 1/1

UDC: 678.742:621

15
B

SKORODUMOV, D.Ye.; SIBIRYAKOVA, N.K.

Conditions of applicability of L. M. Kovalev's method for
calculating the flow of water covered by ice. Trudy GGI no.62:
73-93 '57. (MIRA 10:12)
(Stream measurement) (Ice on rivers, lakes, etc.)

SHONKOVAKOVA, D. V.

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OXYGEN IN SOLID FUEL. RAYIKOV, S. N. and SHONKOVAKOVA, N. V. (U.S. Acad.

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1956, (9), 13-22; abstr. in Chem. Abstr., 1956, vol. 50, 8992). Adsorption
of iodine by various coals from aqueous solution was examined; the differences
in adsorptive qualities of coal samples make the use of the iodometric method
dubious for determination of active peroxide oxygen in coal. This form of
oxygen in coal can be determined accurately by topochemical reaction of hydro-
quinone dissolved in water in which the peroxide groups react with the reagent.
The values are expressed as peroxide number which is ml of 0.01 N sodium thiosul-
phate needed for iodometric determination of quinone formed in the reaction.
Temperature, adsorption, surface active substances, and mineral salts can
affect the determination of peroxides in coal. The adsorbed oxygen is not
determined by the above method.

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0 0

C.A.

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Low temperature oxidation of coal. Izv. AN Kazakh. SSR. Ser.khim.
no.1:105-111 '58. (MIRA 12:2)
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Zhur. ob. khim. 33 no. 2:515-519 F '63. (MIRA 16:2)

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(Benzyl group) (Grignard reagents) (Pyrazole)

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(Moscow--Military education) (MLRA 10:4)

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438-439 0 '63.

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Ketophenylbutazone metabolites in urine. Česk. farm. 11 no.3:
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SIBLKOVÁ-ZBUDOVSKÁ, O.

Note on paper chromatography of estrone and ~~estradiol~~
O. Siblková-Zbudovská and J. M. Hais (Výzkumný ústav
farmaceutického inženýrství, Praha), Č. Chem. Listy 48, 1253 (1984).
In a system propylene glycol-toluene, 17β -estradiol moves
more slowly than estrone, the zones being 0.8-2.5 cm., and
12-13.7 cm., resp., with the front distance being 36 cm.;
in HCONH_2 and benzene- CHCl_3 system (4:1), the dis-
tances are 10.5-12.2 cm. and 20-21.7 cm., resp., with the
front distance 36 cm. The results contradict those of
Rosenkrantz (C.A. 48, 225A). M. Hudlický.

✓3168. Determination of reducing corticosteroids in adrenal extracts. Z. Pádrl, M. Smold and O. Slbíkova. Zbudovská (Českosl. Farmac., 1955, 4 (2), 69-82). The drawbacks of current colorimetric methods are discussed. Reducing impurities present in most raw extracts invalidate the results, as the reagents used, 2,3;5-triphenyltetrazolium chloride (II) and 3;3'-4;3'-dimethoxy-4;4'-diphenylene-di-(2;5-di-phenyltetrazolium chloride) blue tetrazolium (III) are non-specific. Paper chromatography, followed by treatment with I, cutting out and eluting of the various coloured portions, and subsequent determination was found subject to many errors and gave too high results. The chromatogram was therefore eluted without carrying out the colour reaction *in situ*. Two identical samples were chromatographed side by side. One was used for detection with I and II and the other was cut out accordingly. The cuttings were separately eluted and determined colorimetrically. The method was found quant. to \pm 5 per cent, or better for many corticosteroids, though colour calibration curves are given for only two of these; they are in good agreement with published results. The chromatography was carried out on Whatman No. 1 paper impregnated with formamide, the developing solution was benzene-chloroform (4 + 1), and the eluting agent was 96 per cent. ethanol. A. O. Jaksenovic.

SIBLIKOVÁ-ZBUDOVSKÁ, OKSANA.

PADR, Zdenek; SMID, Milos; SIBLIKOVÁ-ZBUDOVSKÁ, Oksana

Determination of reducing corticoids in adrenal extracts. Česk.
farm. 4 no.2:60-62 Mar 55.

1. Z výskumného ústavu pro farmacii a biochemii, Praha.
(ADRENAL CORTEX, hormones
determ., paper chromatography)
(CHROMATOGRAPHY
paper, determ. of adrenal cortex hormones)

SIBLIKova, ZBUDOVSKA, Okana.

TUMOVA, Erika; SIBLIKova-ZBUDOVSKA, Oksana; HANC, Oldrich

Biochemical oxidation of pregnane steroids. Cesk.farm. 4 no.2:65-68
Mar 55.

1. Z vyskumneho ustavu pro farmacii a biochemii, Praha.
(STEROIDS
pregnane, biochem., oxidation)

CZECHOSLOVAKIA/Chemical Technology. Pharmaceuticals.
Vitamins. Antibiotics.

R

Abs Jour: Ref Zhur-Khim., No 24, 1958, 82708.

Author : Siblikova O., Hais J.

Inst :
Title : Certain Color Reactions and Fluorescence of
Steroids.

Orig Pub: Ceskosl. farmac., 1958, 7, No 1, 1-13.

Abstract: The color spot reactions of steroids with various reagents were studied by paper chromatography. It was determined that the reactions based on Halo-chromic and Halofluoric (with H_2SO_4 , H_3PO_4 , $SbCl_3$, reagent of Dragendorff and Zimmerman) are not sufficiently specific. The most specific reactions are the reduction of Ag^+ and salts of tetrazolium.

Card : 1/2

19

SIBLIKOVÁ, O.; VACHEK, J.; ČERNÁ, M.; TESÁREK, B.; VITULOVÁ, V.

Contribution to the metabolism of ketophenylbutazone. I. Česk.
farm. 11 no.3:118-123 Mr '62.

1. Výzkumný ústav pro farmacie a biochemii, Praha Výzkumný ústav
chorob revmatických, Praha.
(PHENYLBUTAZONE rel cpds)

SIBLIKOVÁ, O.; CERNA, M.; HAIS, L.M.

Review of some color and fluorescence methods in detecting steroids.
II. Česk. farm. 11 no.4:187-191 My '62.

1. Vyzkumný ustav pro farmacie a biochemii, Praha.
(STEROIDS chem) (CHROMATOGRAPHY)

SIBELKOV, I.

SIBELKOV, I. We are not afraid of the harvest but we do need machines. p. 42.

Vol. 1, No. 13, July 1956.

MARSHALSKY, MUDRI.

AVOCET

Praha, Czechoslovakia

See: East European Accession, Vol. 1, No. 3, March 1957

SIRKOV, I.

SIRKOV, I. National Conference of District Mechanizers of Animal Industry. p. 312.

Vol. 4, No. 10, Aug. 1957

MOSCOW STATE UNIVERSITY.

AGRICULTURE.

Praha, Czechoslovakia

See: East European Accession, Vol. 4, No. 3, March 1957

SILICU, I.

SILICU, D. Demonstration of further agricultural machines from the German Democratic Republic. n. (2) of cover.

Vol. 4, No. 17, Sept. 1956.

MACHINERY AND MACHINISTS.

AGRICULTURE

Praha, Czechoslovakia

Se: East European Accession, Vol. 6, No. 3, March 1957

SIRICL., I.

SI LOMA, I. New types of machinery for breeding cattle. p. (2) of cover.

Vol. 6, No. 19, C. t. 1956.

MECHANISACE ZEMĚDĚLSTVÍ.

AGRICULTURE

Praha, Czechoslovakia

See: *Les European Agricultural*, Vol. 6, No. 3, March 1957

SIBLVA, D.

An experiment with a new machine and its results. p.3Ch.
(Mechanisace Zemedelstvi, Vol. 7, No. 13, July 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Unclassified.

SIBLOVA, D.

Machine-tractor stations on the eve of the complex grain harvesting. p. 316.
(Mechanisace Zemedelstvi, Vol. 7, no. 14, July 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no.10, October 1957. Uincl.

SISLOVA, D.

District mechanizers of animal production consulted with each other. p. 373.
(MECHANISACE ZEMEDELSTVI, Vol. 7, No. 16, Aug 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

SJICVA, S.

Collective work is a decisive factor.

p. 158. (Mechanisace Zemecelstvi. Vol. 7, no. 20, Oct. 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) EC. Vol. 7, no. 2,
February 1958

SIBLOVA, D.

AGRICULTURE

Periodical BECHATISACE ZEMEDELSTVI. Vol. 8, no. 3, Dec. 1958.

SIBLOVA, D. Participation of machine-tractor stations in achievements of collective farms. p. 556.

Monthly List of East European Accessions (ELAI) LC, Vol. 8, no. 3, March, 1959. Uncl.

SIBLOVA, Dana

Development of the innovation movement in Czechoslovakia.
Mezogazd techn 2 no.8:13-14 '62.

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001550420007-7

Source: [Redacted] (SAC)

Serial 8108. File no. 11-10000-1. Date 7/25/18..

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001550420007-7"

UMANSKIY, K. G., kand. med. nauk; SIBORCHUK, T. V.; SHUSTER, M. A.
(Moskva)

Gustatory sensitivity in peripheral lesions of the facial nerve.
Klin. med. no.9:70-74 '61. (MIRA 15:6)

1. Iz klinicheskogo otdeleniya (zav. - prof. Ye. N. Bartoshevich)
Instituta po izucheniyu poliomiyelita AMN SSSR (dir. - chlen-
korrespondent AMN SSSR prof. M. P. Chumakov), kafedry bolezney
ukha, gorla i nosa (zav. - prof. I. I. Potapov), TSentral'nogo
instituta usovershenstvovaniya vrachey (dir. M. D. Kovrigina)
na baze 2-y klinicheskoy infektsionnoy bol'nitsy (glavnnyy vrach
A. M. Pyl'tsova)

(NERVES, FACIAL-DISEASES) (TASTE)

SIBORENKO L.I.
24, 2360 (1068, 1147, 1164)

AUTHORS: Afanas'yev, M.H., Vil'yams, A.P., Horbiyenko, A.H.,
and Syborenko, L.I.

TITLE: A remote proton magnetometer

PERIODICAL: Ukrayins'kyy fizychnyy zhurnal, v. 6, no. 2, 1961,
191 - 195

TEXT: Normally for measurements of magnetic fields in the range 1.5 to 13 koe and higher it is necessary to use different detectors using protons, nuclei of lithium and deuterium. In this paper the authors describe a proton magnetometer capable of measuring magnetic fields from 1.5 to 13 koe using a single proton detector operating at frequencies up to 60 Mc/s. The difficulty of measuring with a single proton detector lies in the need to use very high frequencies. This can be obviated by using lithium and deuterium detectors which require lower frequencies because of their higher electromagnetic ratios; however, the disadvantage of these

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S/185/61/006/002/007/020
D210/D304

A remote proton magnetometer

detectors is that they have a low signal to noise ratios compared to the proton detector. The magnetometer was constructed in three parts. The detector was connected to the principal part of the magnetometer by a cable 0.7 m long. The control section of the magnetometer was placed in a control chamber 20 m away from the magnet. In order to transmit through the cable a frequency of 60 Mc/s, necessary for measuring a field strength of 13 koe an additional coil of inductance L_k was utilized as first suggested by Popov, A.

I. of the Institute of Technical Physics, AS UkrSSR. The inductance of this coil is considerably smaller than the total inductance of the detector coil and the high frequency cable. The operation of the magnetometer was carried out in two ranges. In the lower range (7.5 to 22 Mc/s) the impedance of the detecting system was made up of the detector coil, the capacity and inductance of the cable, the capacity of the variable condenser and the input capacity of the magnetometer. In the higher range (20 to 60 Mc/s) the additional coil L_k was included in the detector circuit. The ran-

Card 2/3

SIBURG, G. T.

25297

Yadernye Prevrashcheniya V Novoy Oblasti Vysokikh Energny.
Per. S Angl. Uspekhi Khi ii, 1948, vyp. 3, s. 337-45.

SO: LETOPIS NO. 30, 1948

ZIBSTA, V.I.

21762 ZIBSTA, V.I. C prirode martenita i ob ustanovnosti martenita protiv
otruska. Sbornik (Zbok. IN-T stali I.V. Stalina), 2d, 1949, s. 180-206
-- Bibliogr: s. 206.

SC: Leto is'Zhurn. I'nykh Statey, No. 27, Moscow, 1949

TOURAINE, A.; DUREL, P.; SIBOULET, A.

On non-gonorrhreal urethritis. Przegl. derm. 48 no.8/10:285-294
'61.
(URETHRITIS)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001550420007-7

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001550420007-7"

100-10000

U.S. GOVERNMENT PRINTING OFFICE: 1950. 5-100.

GRANATNIKOV, V. N. (Vladimir Ivanovich Granatnikov) a Soviet pro
fessor, cryptologist (Soviet Cryptologic Bureau, Moscow, Russia) Vol. 1, no. 7, Feb. 1959

Original classification: CONFIDENTIAL (Information received confidentially from U.S. Govt.)

Declassify and distribute according to: (PAC 1), 12, (a), 5, Dec. 1990

Uncl.

SILRAL, L.

Reducing costs by broaching on machines made of a special aluminum bronze alloy. Jemna mech opt 5 no.3:88-90 Mr '60.

1. SZ- Vyzkumny ustav tezkeho strojirenstvi, Brno.

SIBRAVA, M.

Methods of planning the formation of trains with empty coal cars. p. 290.

ZELEZNICNI DOPRAVA A TECHNIKA. (Ministerstvo dopravy)
Praha, Estonia. Vol. 7, No. 10, 1959.

Monthly list of East European Accessions (EEAI). Vol. 9, No. 1, Jan. 1960

Uncl.

MERIVA, Miroslav, inz.

Rules for the establishment of the 1964-1965 train transportation diagram.
Zel dop tech 12 no.1:1,9 '64.

SIBRAVA, S.

Some causes of breakdowns of car parts due to fatigue breakage.

P. 179 (Zeleznici Technika) Vol. 5, No. 7, July 1957, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC. - VOL 7, NO. 1, JAN. 1958

MASIN, Alois; SIBRAVA, Stanislav

Causes of defects in welds of tube buffer boxes. Zel dop tech 10 no.10:
294-296 '62.

SIBRAVA, V.

GEOMORPH & GEOLOGY

Periodical: VESTNIK, Vol. 33, no. 3, 1958.

SIBRAVA, V. Morainic sediments of the Hallstatt glaciation in the Hlucin region, p. 201.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, N^o. 2,
February, 1959, Unclass.

SIBRAVA, V.: KODYMOVA, A.

"Sand gravel sediments in the substratum of the Glacial layers in the Opava region"

Vestnik. Praha, Czechoslovakia. Vol. 34, no. 2, 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclassified

STEPAVA, V

"Methods of investigation and mapping of Quaternary sediments in the USSR."

VESTNIK, Praha, Czechoslovakia, Vol. 34, no. 4, 1959

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Sept 59
Unclassified

SOURCE:, given Names

Country: Czechoslovakia.

Academic Degrees: /not given/

Affiliation: Central Geological Institute (Ustredni ustav geologicicky), Prague.

Source: Prague, Vestnik Ustredniho estavu Geologickeho, Vol XXXVI, No 5, 1961.
pp 401-405.

Data: "A Visit to the stations of Geological Work in Moscow and Leningrad."

GPO 981643

SIBRAVA, Vladimir

Preparing the 7th Congress of the International Association on
Quaternary Research. Geol pruzkum 7 no.3:94 Mr '65.

CHERNORUTSKIY, G.S., kand.tekhn.nauk; SIBRIN, A.P., inzh.; BUTKIN, V.D., inzh.

System of measuring the feed rate in the automation of rigs in
boring with a roller bit in open pits. Izv. vys. ucheb. zav.;
gor. zhur. 5 no.3:148-150 '62. (MIRA 15:7)

1. Chelyabinskij politekhnicheskiy institut (for Chernorutskiy,
Sibrin). 2. Chelyabinskij nauchno-issledovatel'skiy institut
gornogo dela (for Butkin).
(Boring machinery—Measurement)
(Automatic control)

CHERNORUTSKIY, G.S., kand. tekhn. nauk; TSYGANKOV, V.A., inzh.; SIBRIN, A.P., inzh.; KUZNETSOV, I.M., inzh.; GAFIYATULLIN, R.Kh., inzh.

Automatic control system of regulating the speed of rotation of the working element of the SBMK-5 boring machine. Izv. vys. ucheb. zav.; gor. zhur. 6 no.10:27-32 '63. (MIRA 17:2)

1. Chelyabinskiy politekhnicheskiy institut (for Chernorutskiy, TSygankov, Sibrin). 2. RIOGR (for Kuznetsov). 3. Sverdlovskiy gornyy institut imeni Vakhrusheva (for Gafiyatullin).

SIBU, P.; TEODORU, G.C.; TEODORESCU, I.; RADULESCU, I.

Investigations on tissular hydratation and capillary resistance and permeability in pregnant women. Rumanian M. Rev. 2 no.1:90-91 Jan-Mar 58.

(PREGNANCY, physiol.
capillary resist. & permeability, relation to water re-
tention)

(WATER, metab.
retention in pregn. relation to capillary resist. &
permeability)

(CAPILLARIES
resist. in pregn., relation to water retention)

(CAPILLARY PERMEABILITY, in pregn.
relation to water retention)

ACCESSION NR: AT4017651

8/3021/62/000/209/0033/0038

AUTHOR: Sibukayev, Sh. M.

TITLE: Stress distribution in a circular plate undergoing forced axially-symmetric oscillations

SOURCE: Tashkent. Universitet. Nauchnye trudy*, no. 209, 1962.
Matematicheskiye nauki (Mathematical sciences), no. 23, Mekhanika (Mechanics),
33-38

TOPIC TAGS: stress, elasticity, oscillation, forced oscillation

ABSTRACT: If a circular plate is undergoing forced, axially-symmetric oscillations under the influence of a periodic force of the form $P \sin pvt$ concentrated at its center, the Karman equations can be written as

$$\begin{aligned} v^4 w + \frac{E}{r} \frac{\partial w}{\partial r} \frac{\partial^2 w}{\partial r^2} &= 0 \\ v^4 w - \frac{h'}{Dr} \frac{\partial}{\partial r} \left(\frac{\partial v}{\partial r} \frac{\partial w}{\partial r} \right) + \frac{P}{D} \frac{\partial w}{\partial r} &= 0 \end{aligned} \quad (1)$$

Cord 1/2

ACCESSION NR: AT4017651

in conventional notations. By a straightforward procedure the author obtains equations for the radial and tangential stresses in the circular plate. It is seen, as expected, that the radial and tangential stresses are numerically equal at the center of the plate. Orig. art. has: 16 formulas.

ASSOCIATION: Tashkentskiy Universitet (Tashkent University)

SUBMITTED: 00 DATE ACQ: 23Mar64 ENCL: 00
SUB CODE: ME NO REP Sov: 005 OTHER: 007

Card 2/2

1. SIBUKHIN, D. V.; PETROV, V. P.
2. USSR (600)
4. Physics and Mathematics
7. Optical Crystallography, A. V. Shubnikov. (Acad Sci USSR Institute of Crystallography, Moscow-Leningrad, Acad Sci USSR Press, 1950). Reviewed by D. V. Sibukhin, V. P. Petrov, Sov. Kniga, No. 7, 1952.
9. [REDACTED] Report U-3081, 16 Jan 1953, Unclassified.

SIBUKAYEV, Sh.M.

Distribution of stresses in a circular plate subjected to
forced axisymmetric vibrations. Nauch. trudy TashGU no.209.
Mat. nauki no.23:33-38 '62. (MIRA 16:8)

ESTONIA

V-3

ESTONIA/Human and Animal Physiology - Blood.

Abs Jour : Ref Zhur - Biol., No 2, 1958, 8484

Author : I. Sibul

Inst : The University of Tartu

Title : The Activity of Serum Cholinesterase and the Peripheral
White Blood Cell Level

Orig Pub : Tartu riikliku ulikooli toimetised. 1956, No 40, 42-52

Abstract : The activity of serum cholinesterase was examined in 121 patients and 50 healthy subject in relation to the relative number of neutrophils and lymphocytes. When the relative number of neutrophils and lymphocytes is large or small, cholinesterase activity does not reveal significant individual deviations and is expressed in slight or average values. It increases toward the average values of the age values. It increases toward the average values of the relative number of neutrophils and lymphocytes when there

Card 1/2

Card 2/2

SIBUL', R.

Estonian highways in the last 25 years. Avt.dor. 28
no.8:7-8 Ag '65. (MIRA 18:11)

1. Minstr avtomobil'nogo transporta i shosseynykh dorog
Estonskoy SSR.

SIBUL', R. [Sibul, R.]

Development of automotive transportation in the Estonian S.S.R.
Avt. transp. 41 no.3:1-3 Mr '63. (MIRA 16:4)

1. Ministr avtomobil'nogo transporta i shosseynykh dorog
Estonskoy SSR.

(Estonia--Transportation, Automotive)

USSR/Medicine - Novocain Block Jul/Aug 53

"An Intradermal Novocain Block Applied to the Neck
in Cases of Tuberculosis of the Larynx," S. F. Sibul,
Chair of Ear, Throat, and Nose Diseases, Tartu
University

Vest Otorinolar, No 4, pp 21-22

Describes observations on the effects of an intradermal novocain block applied in the ordinary way to the anterior or posterior walls of the neck, or by the circular method. A definite relief of asphyxia

270763

was noted, with frequent decrease and disappearance of inflammatory hyperemia and edema of the larynx. This treatment was most effective in processes localized in the internal sections of the larynx, and less effective in affection of the external parts constantly irritated by the passage of food. The blockade is also more effective in the treatment of early or chronic stages of tuberculosis of the larynx than in its advanced stages.

270763

SIIRDE, E.K.; ALEV, H.G.; SIBUL, S.P.

Results of using various combinations of sleep therapy in
otolaryngology with functional disorders. Vest. oto-rin. 16
no.3:22-27 My-Je '54. (MLRA 7:7)

1. Iz kafedry bolezni ucha, gorla i nosa (zav. dotsent E.K.
Siirde) Tartuskogo universiteta na baze Respublikanskoy Tar-
tuskoj klinicheskoy bol'niцы.

(SLEEP, therapeutic use,
*otorhinolaryngol. dis.)

(OTOHHINOLARYNGOLOGY,
*otorhinolaryngol. dis., ther., sleep)

SIBUL', S. F.: Master Med Sci (diss) -- "The tubercular etiology of chronic otitis (Clinical-experimental investigation)". Tartu, 1959. 28 pp (Tartu State U), 200 copies (KL, No 18, 1959, 129)

SIBUL', S.F. [Sibul,S], kand.med.nauk; MIR'YE, U.Yu. [Mir'ye,U]; TYALL,V.O. [Tall,V]

Use of the fluorescence method for the diagnosis and evaluation of the results of treatment in diseases of the nose and the pharynx. Vest.otorin. 24 no.6:69-73 N-D'62. (MIRA 16:7)

1. Iz kafedry otorinolaringologii (zav.- dotsent E.K.Siyrde)
Tartuskogo universiteta.
(NASOPHARYNX--DISEASES) (FLUORESCENCE)

KVEDARAS, A., red.; BASALIKAS, A., red.; BERGAS, V., red.;
MALDZIUNAITE, S., red.; PETRAUSKAS, V., red.; SIBUTIS, A.,
red.; ZIEMYTE, E., red.; BANCEVICIUS, P., tekhn. red.

[Problems of the development of the lower Neman River; transac-
tions] Nemuno zemupio sutvarkymo Klausimai; [pranesimai]. Vilnius,
Valstybine politines ir mokslines literaturos leidykla, 1961.
177 p. (MIRA 15:5)

1. Konferencija Nemuno zemupio sutvarkymo ir apsaugos klausimais,
Vilnius, 1960.

(Neman River)

- Belgrade, VETERINARY CLINIC, Vol 15, No 10, 1971 (cont'd)
11. Ruptures and Dislocations of Cartilaginous Joints. Gartens, K. S. 1972, 2. Dordrecht.
12. Ruptures of Tendons. Lin, Fa-Terrin et al. Wiesbaden, S. Barthélémy; pp 105-120.
13. Pathologic Principles in a Horse. B. Dahlberg. Critical Review of the Veterinary Literature of Pathology (Volume not identified) Lund-Jensen pp 137-150.
14. "Porcine Pathogenesis". R. Pfeiffer and "S. M. Vet. Institute Belgrade, Institute of Veterinary Pathology, p 104-130.
15. "Mobilization of Pathologic Changes in Antibiototherapy". V. Vojvoda. Veterinary Clinic (Belgrade); pp 105-114.
16. "Vaccination Reaction Theory in the Animal World - An Initiative and Achievement in the Soviet Animal Breeding Program". L. Klimovitch pp 00-000.
17. Infectious Diseases of the Horse. A. G. Avetisyan. Institute of Veterinary Pathology, USSR Academy of Agricultural Sciences, Moscow, 1969. (Russian). (Also see: A. G. Avetisyan, "Infectious Diseases of the Horse", Naukova Dumka, Kiev, 1971. (Ukrainian)).
- (L.S.B.)

STC - 66-15504-1
SIC-Bauer, P.
Influence of thiamine, riboflavine, and niacinamide on the sugar level of dog's blood after administration of glucose. P. SIC-Bauer. *Vet. arh. Zagreb.* 3, 04(1954); cf. *Veterinárske medziérnyky* 8, 04(1955).—Expts. prove that thiamine increases the tolerance for glucose, while riboflavine and niacinamide do not influence the blood-sugar concn. after glucose administration. Rudolph Seiden.